

Instrument Papers – POWDER Diffraction Suite

Calder S., An K., Boehler R., Dela Cruz C.R., Frontzek M.D., Guthrie M., Haberl B., Huq A., Kimber S.A.J., Liu J., Molaison J.J., Neufeind J., Page K., dos Santos A.M., Taddei K.M., Tulk C., and Tucker M.G.,

["A suite-level review of the neutron powder diffraction instruments at Oak Ridge National Laboratory"](#),
Review of Scientific Instruments, **89**, 092701 (2018).

NOMAD | BL-1B | SNS

Neufeind J., Feygenson M., Carruth J., Hoffmann R., Chipley K., "[The Nanoscale Ordered MAterials Diffractometer NOMAD at the Spallation Neutron Source SNS](#)", *Nuclear Instruments and Methods in Physics Research Section B*, **287**, 68-75 (2012).

POWDER | HB-2A | HFIR

Garlea V.O., Chakoumakos B.C., Moore S.A., Taylor G.B., Chae T., Maples R.G., Riedel R.A., Lynn G.W., Selby D.L., "[The high-resolution powder diffractometer at the high flux isotope reactor](#)", *Applied Physics A*, **99**, 531-535 (2010).

POWGEN | BL-11A | SNS

Huq A., Kirkham M.J., Peterson P.F., Hodges J.P., Whitfield P., Page K., Huegle T., Iverson E.B., Parizzi A., Rennich G.Q., "[POWGEN: rebuild of a third-generation powder diffractometer at the Spallation Neutron Source](#)", *Journal of Applied Crystallography*, **52**, 1189-1201 (2019).

WAND² | HB-2C | HFIR

Frontzek M., Whitfield R.E., Andrews K.M., Jones A.B., Brobek M., Vodopivec K., Chakoumakos B.C., Fernandez-Baca J.A., "[WAND2—A versatile wide angle neutron powder/single crystal diffractometer](#)", *Review of Scientific Instruments*, **89**, 9, 092801 (2018).